



Turnaround Work Direction Change Management Form

This document should be prepared, approved, and submitted to Contractor within 24 hours to avoid any potential delays.

Ref No.: TA22-8PCO-185

Project/Event: SPCO SP-TA-2022

PO No.: 4504155180

Contractor: SMH

Contractor Rep: Vishnu Vijay

Contractor Rep Contact Details: vishnu@smharabia.com, +966 558322276

Title: Manager Sales

Requested By: Shafi, Tariq

AWR/DWR: ☒ Yes ☐ No

AWR/DWR No.: Multiple as attached

Date Requested: 7/12/2022

Date Issued:

Date Completed:

Justification for Change:

DWRs:

- Scalping screen replacement 43S86, Ref DWR 10
- Re-Dismantling & Re-installation of screws because of Wrong orientations of pre-assembled Screw of Unit 43, Dismantling & Re-alignment works because of Back stop issues on Unit 42 & Unit 43. Ref DWR 386
- Additional requirements of one more hydrojetting machine due to heavy scales on screws & barrels

Work was executed with ref to DWRS 386 & 10. Cost References from PO and Email communication attached for DWRs.

Instruction to Proceed with Work as Detailed Below:

Reference Documents: Email attached, Summary of manpower utilized and Time sheets

Cost Impact: ☒ Yes ☐ No

Estimated Value Not to Exceed¹: USD 115,600/-

Schedule Impact (Critical Path): ☐ Yes ☒ No

Estimated Delay Time: Shifts/Days/Hours

TA Planner (Sign/Print/Date)


(Manikandan)

TA Planning Lead (Sign/Print/Date)



TA Planning Superintendent² (Sign/Print/Date)



11 Dec, 2022

TA Manager³ (Sign/Print/Date)



11-DEC-22

Notes

Note 1: Estimated value (SAR) is for estimation purposes only and does not represent a specific committed value. Work shall be revaluated based on the actual efforts, job performance, contractual arrangements by Contracts and field verification by S-Chem Company representative.

Note 2: TA Planning Superintendent Signature Required for Cost Impact $\geq$ \$5,000 USD OR Schedule Impact

Note 3: TA Manager Signature Required for Cost Impact $\geq$ \$50,000 USD OR Schedule Impact

Instructions (Refer to workflow for complete process)

- TA Planner will prepare instruction based on required need, AWR or Field Request, and turn over to Planning Lead
- TA Planner will obtain signatures and turn original over to TA Document Controller for transmittal to Contractor and S-Chem Contracts Dept. minimum
- TA Document Controller will scan and rename file per assigned Reference Number on form
- TA Document Controller will file softcopy on established shared drive/network location and hardcopy per established standard in TA Document Storage area

Additional Cost - Extruder Services

SN	PO NUMBER	DWR	DWR Ref	Job Tag	S-chem personnel	Rate Type	Total Cost	Job Description	Status	Start Date	Finish Date	COST REFERENCE
1	4504155180	Manpower support for Motor& Gearbox Re-Alignment rwork	386	43XM80-1	Tariq	Time sheet based PO rates	264,240.00	Manpower support - Supervisor/Lead/Millwright/Pipefitter /Rigger for Motor rework	Completed	15/11/2022	29/10/2022	Time sheet based PO rates
2	4504155180	Additional - Screw Rework	386	42V80	Tariq	Time sheet based PO rates	80,820.00	Additional job Screw removed and installed again	Completed	28/10/2022	31/10/2022	Time sheet based PO rates
3	4504155180	Additional - Scapping Screen Frame replacement	10	43S86	Tariq	Time sheet based PO rates	46,440.00	Additional job for Frame installation for scapping frame	Completed	28/10/2022	31/10/2022	Time sheet based PO rates
4	4504155180	Hydrojetting Services 1 unit	Ref Email	43/44 V80	Tariq	Ref Proposal	42,000.00	Additional Hydrojetting mobilized based on SCHEM Request for 7 shift	Completed	9/10/2022	12/10/2022	Ref Proposal
OPERATION SUPPORT - PO#4504155180							433,500.00		\$ 115,600			

Motor Rework-DWR-386

P2

2	4504155180	Manpower support for Motor / Alignmint rework	Manpower	264,240.00
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From: Saddam Hussain
Sent: Saturday, November 19, 2022 7:28 PM
To: 'Ahmad, Tariq T' <SHAFMU@saudichevron.com>
Cc: 'Zaidi, Faiq F' <ZAIQSF@saudichevron.com>; 'Al-Anazi, Homoud M' <ANAZIHM@saudichevron.com>; 'Manikandan, Subramaniyan [c]' <SUBRAV@sauvishnu@smharabia.com>; Sharique Hussain <Sharique@smharabia.com>; Raghu Raman <raghu@smharabia.com>; Shamsudheen Kodappa Nakkal <Shashabeer@smharabia.com>
Subject: RE: Coperion update for ongoing TA // startup phase [**EXTERNAL**]

Dear Sir,

Please be informed that, as per our Approved Technical Proposal Mechanical and Startup window has been completed on **15th November**.

Because of delay in startup and re-work our crew is still working with vendor on the site.

We will be submitting time sheet from **15th November** onwards.

Request your support to approve our time sheet for daily basis.

Best Regards,

 Saddam Hussain
Planning Engineer

SChem Turnaround

File Quickstart Export to Excel

DWR Register - 286

ID	Refers	Area	Asset Description	Equipment Tag #	System Name	Operating Mode
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44	4504155180	FE	Drive Backstop drive (phosphate)	45041551	42	UP
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DWR-386

Edit Copy Link

Due to Back stop issues, shift old motor to Unit 43, Correct co

TA Event #

5762-2022 JP

Area #

FE

Notification Group #

Al-Anazi, Homoud M

Al-Anazi, Subram H

Al-Anazi, Tariq T

ADD, Day F

Equipment Tag #

45041551

System Name #

43

Brief Description #

Due to Back stop issues, shift old motor to Unit 43, Correct configuration of screw elements. Drive alignment for 42 & 43 Motors with Gear boxes after backstop replacements

Operational Approval

Yes

Media FA Criteria

Yes

DWR/CMF

Submit as option

Estimated

Yes

Additional Cost - Extruder Services

SN	PO NUMBER	DWR	DWR Ref	Job Tag	Schem personnel	Rate Type	Total Cost	Job Description	Status	Start Date	Finish Date	COST REFERENCE
1	4504155180	Manpower support for Motors Gearbox Re Alignment rework	386	43XMB01	Tairq	Time sheet based PO rates	264,240.00	Manpower support - Supervisor/Lead/ Millwright/Hipplitter /Rigger for Motor rework	Completed	15/11/2022	28/10/2022	Time sheet based PO rates
2	4504155180	Additional - Screw Rework	386	42V80	Tairq	Time sheet based PO rates	80,820.00	Additional Job Screw removed and installed again	Completed	28/10/2022	31/10/2022	Time sheet based PO rates
3	4504155180	Additional - Shipping Screen Frame replacement	10	43S86	Tairq	Time sheet based PO rates	46,440.00	Additional Job Frame installation for shipping frame	Completed	28/10/2022	31/10/2022	Time sheet based PO rates
4	4504155180	Hydrojetting Services 1 unit	Ref Email	43/44/80	Tairq	Ref Proposal	42,000.00	Additional Hydrojetting mobilized based on SCHEM Request for 7 shift	Completed	9/10/2022	12/10/2022	Ref Proposal
OPERATION SUPPORT - POM4504155180							433,500.00					

SUMMARY OF TIME SHEETS FOR SUPPLY OF ADDITIONAL MANPOWER & EQUIPMENT

DWR-386

PR#
JOB#
CLIENT: S-Chem South

Manpower support for Motor / Re-Alignment work.

RESOURCES DESCRIPTION		MONTH OF NOVEMBER-2022																														TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Prepared By:

Date:

TERA

SCHEM TOTAL ADDITIONAL MANPOWER

Sl.	EMPLOYEE NAME	IQAWA ID	SCHEM ID	DESIGNATION	SHIFT	15-Nov-22	16-Nov-22	17-Nov-22	18-Nov-22	19-Nov-22	20-Nov-22	21-Nov-22	22-Nov-22	23-Nov-22	24-Nov-22	25-Nov-22	26-Nov-22	27-Nov-22	TOTAL HOURS	RATE/ HOUR	TOTAL AMOUNT
2	Naseer Khan Akbar Khan	426	C-19862	Supervisor	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	110	15840
3	Naseer Khan Akbar Khan	N7986470	C-59897	Supervisor	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	60	8640
4	Shiva Shamsud Din	525	C-26926	Foreman	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	100	14400
5	Nasser Kourangachelli Abobacker	U0845248	C-59898	Lead Tech	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	132	100	13200
6	Bhagawan Babu Padasal	1144	C-19867	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	24	3600
7	Chinna Chennalaiah Papagandla	1140	C-59867	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	96	80	7680
8	Esmail Syed	N7599092	C-59889	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
9	Shanu Husain Rangrej	N0079340	C-59854	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
10	Sibila Thanteppan Pill	703	C-53628	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
11	Mohammad Ziyaal Khan	867	C-01111	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
12	Venkata Krishna Nagiripati	W2114255	C-61153	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	132	80	10560
13	Ahmad Basha	M4585803	C-59877	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	132	80	10560
14	Srinivasa Rao Adappa	R2367510	C-59886	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	96	80	7680
15	Yasim Ahmad Mohammad Shamim Ahmad	730	C-19838	Millwright	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	96	80	7680
16	Ramji Kishan	1297	C-55385	Terqueing Technician	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	36	80	2880
17	Prakash Kumar Singh	2404815157	C-59853	Welder 2	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	80	80	6400
18	Muhammad saif udullah	2185513152	C-59853	WPR	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	65	9360	60840
19	Shamsudeen kullu muhammad kullu	2267998607	C-59897	Pipe fitter	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	100	14400
20	Tanjel miha raba ali	2462764750	C-59863	Pipe fitter	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	60	50	3000
21	Shaukat Ali Khan	2514782706	C-59863	Pipe fitter	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	144	50	7200
22	Syed imam Jaki	2510578749	C-59853	Pipe fitter	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
23	Faluddin Ahmad	2514739461	C-60024	Pipe fitter	DAY	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
24	Syed Abdulaziz	783	C-18863	Supervisor	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
25	Sartosh Krishna Koli	2440943484	C-53627	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	110	1200	13200
26	Ram Krishna Sharma	544	C-00672	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	132	80	10560
27	Abhishek Singh	58015449	C-59879	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	84	80	6720
28	Mahesh Kumar Gannamaneni	P3335390	C-61152	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
29	Mahesh Kumar Gannamaneni	58812883	C-59853	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
30	Bhagawan Babu Patil	2513242450	C-59891	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
31	Shamir Ahmed Khurshid	2513242450	C-59891	Millwright	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	144	80	11520
32	Ashik Hussain Abobacker kullu Hussain	2513242450	C-59898	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	132	80	10560
33	Mahammad saifoon	2516633159	C-60034	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	132	50	6600
34	Shalin Sham	2526075367	C-60053	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	132	50	6600
35	Tethendrea Konapade	2521674743	C-60033	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
36	Sachin Chippa	2526075284	C-60028	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
37	Nikhil Ramesh	2514170709	C-60029	Pipe fitter	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	24	50	1200
38	Shinu Varthase Naduvilpeedilla	748	C-19860	Fabricator	NIGHT	12	12	12	12	12	12	12	12	12	12	12	12	12	132	50	6600

254480

DWR-386

SUMMARY OF TIME SHEETS FOR SCREW REWORK

PR#
PO#
JOB #
CLIENT: S-Chem South

Additional - Screw Rework Unit 42- DWR 386

MONTH OF OCTOBER -2022

S#	RESOURCES DESCRIPTION	2		4		6		27		28		29		30		31		TOTAL	Unit Rate Hour	Total Price
		D		N		D		D	N	D	N	D	N	D	N	D	N			
1	Supervisor									1	1	1	1	1	1	1	1	96.00	110.00	10,560.00
2	Forman																	-		-
3	Lead Technician																	-		-
4	Millwrights / Techn									5	3	5	3	5	3	5	3	384.00	80.00	30,720.00
5	Pipe Fitter									3	3	3	3	3	3	3	3	288.00	50.00	14,400.00
6	Rigger-II									2	2	2	2	2	2	2	2	192.00	65.00	12,480.00
7	Rigger I									1	1	1	1	1	1	1	1	96.00	85.00	8,160.00
8	FW / HW										1		1		1		1	48.00	50.00	2,400.00
9	WPR									1	1	1	1	1	1	1	1	21.00	100.00	2,100.00
10																		-		-
																		Total		80,820.00

Prepared By:

Date:

tdp

#B01
#D04

CLIENT: S-Chem South

1

[illegible]

Date:

DWR -10

Found cracked on scalping screen cover, need to be replaced.

SUMMARY OF TIME SHEETS FOR SUPPLY OF ADDITIONAL MANPOWER & EQUIPMENT

PR#

PO#

JOB #

Hydrojetting Equipment with Crew

CLIENT: S-Chem South

S#		RESOURCES DESCRIPTION		MONTH OF OCTOBER-2022																		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Prepared By: _____

Date: _____

Checked By: _____

Date: _____

[Signature]

SUMMARY OF TIME SHEETS FOR SCLAPPING SCREEN

DWR-10

PP#
JOB # Additional - Slapping Screen Frame replacement-DWR 10
CLIENT: S-Chem South

		MONTH OF OCTOBER-2022																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Prepared By: _____
Date: _____

SUMMARY OF TIME SHEETS FOR SUPPLY OF ADDITIONAL MANPOWER & EQUIPMENT

PR#

PC#

JOB #

CLIENT: S-Chem South

Hydrojetting Equipment with Crew

S#	RESOURCES DESCRIPTION	MONTH OF OCTOBER-2022														TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	13	Total Shift	Unit Rate Shift	Total Price
1	Hydrojetting Equipment with Crew	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	7.00	6,000.00	42,000.00
2															-	-	-
3															-	-	-
4															-	-	-
5															-	-	-
6															-	-	-
7															-	-	-
8															-	-	-
14															-	-	-
15															-	-	-
16															-	-	-
17															-	-	-
															Total		42,000.00

Prepared By: _____

Date: _____

Checked By: _____

Date: _____

[Signature]

Muhammad Tariq Shafi
TA Planner
Phone ; +966-13-3592561
Mobile (After 4:30PM) # 0592662145

From: SACHIN SHENOY <operations@luminousarabia.com>
Sent: Sunday, October 16, 2022 9:00 AM
To: 'Lijas Kottayil' <lijas.kottayil@smharabia.com>
Cc: 'Dsouza Luminous Arabia' <dsouza@luminousarabia.com>; 'Lakshmi Narayana' <lakshminarayana.347p@gmail.com>; 'Maheen Abubacker' <maheen@smharabia.com>; 'Shamsudheen Kodappa Nakkal' <Shamsudheen.Nakkal@smharabia.com>; 'Mohammed Hashir' <hashir@smharabia.com>; 'Mohammed Shabeer Mohammed Haneefa' <shabeer@smharabia.com>; 'Muyiz Luminous Arabia' <muyiz@luminousarabia.com>; 'Naveed Luminous Arabia' <naveed@luminousarabia.com>; 'Raghu Raman' <raghu@smharabia.com>; 'Saddam Hussain' <s.hussain@smharabia.com>; 'estimation luminousarabia' <estimation@luminousarabia.com>
Subject: RE: Jetting Crew Mobilization (S-Chem)

Dear Mr. Lijas,

With respect to the trailing mail, the permit for the night shift yesterday was received at 21.00hrs in the night shift. We request you to notify the on-site personals to expedite the permit.

There are total of 3 hydro-jetting machines working on site as promised, 2 in lay down area and 1 on site.

Further to this, the 42-area extruder screw cleaning is completed, inspection is done and recommended to shift to site for the installation. On site extruder internal cleaning using the nozzle is completed, face cleaning and first 1 mtr cleaning shall be done using gun and expected to be completed in the first half.

We have requested for the scaffolding hard barricade for the cleaning of the remaining parts as they are placed within 3 mtr.

Kindly discuss with the client for the continuous operation in shift change over to finish the job as planned.

Waiting for your response.

Thanks & Best Regards,

Hydro Jetting

Hydrojetting Emails

Homoud

Sent from my iPhone

On 13 Oct 2022, at 6:54 PM, Ahmad, Tariq T <SHAFMU@saudichevron.com> wrote:

Dear Sir ,

Update on hydro jetting of Barrels ;

1. Today at 11AM, Meeting held to see the progress o hydro jetting , was advised to increase jetting pressure to 35000 PSI
2. In between two checks/inspection made by Coperion & SMH , some improvement observed at 3 PM m significant improvement till 6 PM.
3. So Coperion advised to continue @35000 PSI night shift. Expected on this rate , we can get desired result by tomorrow evening. (my view).

Further , SMH informed that from their own resources they are working to add one crew on jetting yard. And we hope to have some positive news on that by tomorrow's morning.

Now on schedule.

Below is bit highlight of the schedule indicating some cushion for us for hydrojetting . I have highlighted the dates and will explain as under.

1. AS per original plan , new shaft was to be placed here. But as now plan is changed that here at U42, old shaft will be cleaned and installed back , the date of installing screw in the barrel is October 16th.
2. We are now at end of D-shift of 13th. So we have min 72 hrs more before reaching to that point. But we hope to reach soon there.

Second part of cushion is ;

Process section overhaul planned finish , as per schedule it should be October 27th . While gearbox schedule is o finish by Nov 2nd. So we will have a 5 days cushion there in case of any unforeseen further delay. Which we should expect not to happen.

EQUIPMENT TIMESHEET

Ctrl No.: _____

شركة يس يم يتش للخدمات الصناعية المحدودة
Yes Yem Yech Industrial Services Co. Ltd.
السجل التجاري 2055024871
C.R. Branch No.: 2055024871
إشياء وتشغيل وصيانة وتقديم الدعم الفني للمنشآت الصناعية والتصنيع
Operations - Maintenance - Industrial Construction, Support Services, & Manufacturing

EQUIPMENT TIME SHEET MONTH OF OCTOBER 2022

Equipment	SITE LOCATION	Shift	October-2022																	Total															
			Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HPJ -3 Crew-3	SCHEM	Day Shift								1	1	1	1																						4
		Night Shift								1	1	1																						3	
																				Total Shift	7														

Prepared By Alpoud

Verified By [Signature]

Approved By Client [Signature]

SUMMARY OF TIME SHEETS FOR SUPPLY OF ADDITIONAL MANPOWER & EQUIPMENT

PR#

PO#

JOB # Hydrojetting Equipment with Crew

CLIENT: S-Chem South

S#		RESOURCES DESCRIPTION	MONTH OF OCTOBER-2022																		TOTAL										
			1		2		3		4		5		6		7		8		9		10		11		12		13		Total Shift	Unit Rate Shift	Total Price
1		Hydrojetting Equipment with Crew	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	7.00	6,000.00	42,000.00
2																													-		-
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																					Total		42,000.00								

Prepared By: _____

Date: _____

Checked By: Leah

Date: _____

Ref Unit Rates From PO

ANNEXURE I

• UNIT RATES FOR SMH MANPOWER & EQUIPMENT

Sr. No.	Category	Unit Rates/Hour (SAR)
1	Site In charge	120
2	Supervisor/ Permit Receiver	110
3	Foreman Rotating/ Permit Receiver	100
4	Millwright	80
5	Fitter/Fabricator	50
6	Rigger L-2	65
7	Rigger L-1	85
8	Store Keeper	45
9	Safety Officers	75
10	Site Coordinator	70
11	Pick Up Driver	55

5 | Page

SMH Ref: SMH-WS-Q-2021-070



شركة يمس إيم يتش للخدمات الصناعية (المحدودة)

Yes Yem Yech Industrial Services Co. Ltd.

C.R. No.: 2055011199 2055011199
 رأس المال المدفوع: 4,000,000 ريال سعودي Paid up Capital: SAR. 4,000,000.
 إنشاء وتشغيل وصيانة وتقديم الدعم الفني للمنشآت الصناعية
 Operations - Maintenance - Industrial Construction & Support Services

12	Electrician	45
13	Stand by Man	45

Sr. No.	Equipment Description	Unit rate- (SAR)/12 hrs.
1	Tools Boxes Mechanical, Rigging, electrical	300
2	Tools & Consumable Container (20ft)	1200
3	Generator 35 KV	500
4	Hydro Torqueing machine	2750
5	Hydro Jetting machine	6000
6	Mobile Crane (90 Ton)	5500
7	Man lift	750
8	Forklift (05 Ton)	900
9	Forklift (10 Ton)	1200
10	Low Bed Traller	750
11	Compressor 400 CFM	450

I. General Terms: